



# STATUTE

SCIENCE AND TECHNOLOGY  
for

NON-DESTRUCTIVE TESTING  
and DIAGNOSTICS



## **Foreword**

### **NON-DESTRUCTIVE TESTING**

In 1895 Wilhelm Conrad Röntgen discovered electromagnetic radiation in a wavelength range today known as X-rays or Röntgen rays, an achievement that earned him the first Nobel Prize in Physics in 1901. The discovery of X-rays, initially implemented for medical diagnostics soon after started to be used in industry.

Today **Non-Destructive Testing-NDT** is the branch of science and engineering concerned with all methods of detecting and evaluating flaws in materials using in-production and in-service inspection and condition monitoring of operating plants. It is also used for materials characterization, geometric measurements, and evaluation of physical properties without impairing its future usefulness.

The subject of NDT is broad and expanding. It ranges from simple techniques, such as visual examination of surfaces; to well-established methods of radiography, ultrasonic testing, and magnetic particle testing; or new and very specialized methods, such as the measurement of Barkhausen noise and positron annihilation to define materials properties.

**NDT** is a discipline regulated by mandatory standards, norms, guidelines, etc. that provides technogenic, ecological and public safety.

The eminent scientists and engineers from Universities, R&D centers and Industry establish the **ACADEMIA NDT INTERNATIONAL** to promote all the International aspects of science, research and technology of NDT also teaching for a world safer and benefits the public in various direct or indirect ways.

**ACADEMIA NDT** is an international body because only through international contributions, would the highest level of knowledge be realized and achieved.

Statute was first developed in 2008 and subsequently updated.

The present revision of the Statute incorporate the experience of 10 years of Academia NDT existing and changes necessary for Academia conversion into an association with a legal status.



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## **Article 1: Definition and scope**

- 1.1. The Academia NDT International (hereinafter called 'the Academia') is an independent, international, non-government, non-profit, and unincorporated association of individuals who are devoted in a combined effort as Academia members with the objective of promoting science, research and development and education in the area of NDT.
- 1.2. The scope of activities of the Academia shall embrace all means possible to prevent structural failures, casualties, and any incidents that might have negative or catastrophic consequences caused by natural, technical or terrorist threats. These services provided by the Academia are for the benefit of all mankind.

## **Article 2: Purposes and objectives**

- 2.1. The purposes and objectives of the Academia are:
  - a) To promote science, and research and development activities as well as encourage the practical applications of the findings in the field of NDT at Universities, R&D centers and Institutions and other relevant bodies throughout the world.
  - b) To establish and maintain a network among Scientists and Technologists involved in the basic sciences, research and development for NDT methods, techniques, equipment and implementation advancement.
  - c) To attract the attention of international authorities, governments, agencies and public organizations to the important role and benefits that NDT can provide. This may involve:
    - ◆ conducting expert evaluation of projects including issues of estimating the possible financial, social, political and legal consequences of catastrophic structural failures and accidents of comprehensive technical and technological systems and their transboundary impacts;
    - ◆ producing recommendations on prevention of catastrophes and accidents.
  - d) To develop and contribute with a bank of knowledge; and to understand and implement the NDT philosophy, theory and practices in achieving quality materials, services and processes for the benefit of mankind.
  - e) To combine efforts of leading scientists in the field of NDT to prevent technogenic and ecological accidents, foresee negative consequences caused by natural catastrophe and to contribute in improvement of public safety and security.
  - f) To highlight the work of the research and development in NDT.
  - g) To support NDT societies and relevant organizations, such as ICNDT, EFNDT, Pan-American, Pan-Pacific, Pan-African regional groups, by transferring knowledge of the scientific and technological NDT achievements.





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- h) To prepare and support the nominations of the most outstanding members of the Academia NDT International for the National, International and Regional scientific awards.
- i) To make proposals and give opinions on the promotion of science and technology in the fields which are of special importance to NDT activities.
- j) To be mindful of the contributions from scientists and distinguished professionals in the NDT field and support their involvement in Academia NDT International.
- k) To promote and support R&D projects in NDT.

2.2. The purposes and objectives of the Academia shall be pursued by such means as may be determined by the Academia in particular by:

- a) The organization of working groups, committees or any other units or commissions.
- b) The participation in congresses, conferences and other meetings.
- c) The publication of reports, papers, monographs and other forms of Academia literature and of press releases.

### **Article 3: Types of Membership**

3.1. The membership of the Academia NDT International comprises:

Full Members

Honorary Members

Associate Members

Associate Institutions

Associate Junior Members

Members shall be elected in accordance with Article 15.4 of these Regulations.

### **Article 4: Full Members**

4.1 Full members enjoy all the rights intended by this Statute with personal contribution to the purpose and objectives of Academia NDT.

4.2 The Full Members of the Academia shall be scientists and distinguished professionals with NDT accomplishment as follows:

- a) Outstanding Scientists and Technologists of Universities/Colleges, Research or other Institutions, who have made remarkable contribution to NDT.



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- b) Outstanding Individuals in Industry and Companies who have focused their efforts in technological developments of NDT tools and their implementation.
- c) Outstanding Individuals and Officials in Governmental organizations who have promoted the application of NDT science.

### **Article 5: Honorary Membership**

- 5.1. The Honorary members of the Academia shall be academics and distinguished persons that have enriched the science with works of primary importance, discoveries or valuable inventions for the NDT fields.
- 5.2. Honorary Members can also be individuals who the Members of the Academia are proud to nominate as an Honorary Member.
- 5.3. Honorary Members shall have all privileges of the Full Members when they accept the obligations of a full members.

### **Article 6: Associate Membership**

#### **6.1 Associate members**

- 6.1.1 Associate members of the Academia shall be academics and distinguished persons, recommended by Academia members, who have the opportunity to contribute to the Academia objectives and become full members of the Academia in due time.
- 6.1.2 Associate Members shall be elected by the Council members of the Academia and shall not be entitled to vote in any elections, hold an office in the Academia, or serve on the Academia Council.
- 6.1.3 Associate Members pay a membership fee, the amount of which is decided by the Academia Council.

#### **6.2 Associate Institutions**

Associate Institutions, including societies or any other interested Institution capable of making contributions through membership fees, can be members of the Academia upon approval by the Academia Council. A representative of the Institution or Society can participate in all meetings of the Academia in the capacity of an invited guest without voting rights. The representative shall be nominated by the Associate Institution and approved by the Academia Council.



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## **Article 7: Associate Junior Members**

7.1 Associate Junior Members of the Academia shall be young scientists, recommended by Academia members, who have the opportunity to contribute to Academia objectives and become full members of the Academia in due time.

7.2 Associate Junior Members shall be elected by the Council members of the Academia and shall not be entitled to vote in any elections, hold an office in the Academia, or to serve on the Academia Council.

7.3 Associate Junior Members can participate in all meetings of the Academia and benefit from potential mentoring, receiving recommendations, or promotion opportunities from senior Academia members.

7.4 This group may include a maximum of 25 members.

## **Article 8: The Government of the Academia**

8.1 The main governing bodies of the Academia are:

- **The General Assembly** - which includes:
  - all full members
  - the honorary members accepting obligation of the full members
- **The Council** - the executive body of the General Assembly which consist of the President, the General Secretary, two Vice-Presidents, four members and not more than two co-opted members.

## **Article 9: The President**

9.1. The President shall normally be elected from among the members of the Academia in accordance with Article 12.1 of these Regulations. The president shall serve for four years from the date of his/her election and is eligible for re-election upon the expiration of his/her term in office.

9.2. Unless prevented by grave cause the President shall act as the Chairperson at the Annual General Meeting of the Academia and all Council meetings. The president also acts as the Chairperson for all other meetings of the Academia unless, with the approval of the Council, he/she delegates the functions of Chairperson at any such meeting to another member of the Academia.

9.3. In the event that the President shall for any reason become permanently incapable of fulfilling the duties of his/her office he/she shall be deemed to have



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resigned, and the duties of the President shall be discharged by the senior Vice-President (seniority being measured by reference to length of service as a Vice-President) until such time as a new President is elected.

### **Article 10: The Vice-President**

10.1. There shall be two Vice-Presidents.

10.2. The Vice-Presidents shall be elected from among the members of the Academia in accordance with Article 12.2 of these Regulations and shall serve for four years. A retiring Vice-President shall be eligible for re-election upon the expiration of his/her term in office.

10.3. The duties of each Vice-President shall be determined by the Council.

10.4. In the event that the Vice-President shall for any reason become permanently incapable of fulfilling the duties of his/her office he/she shall be deemed to have resigned and the Council shall appoint another member of the Council to fulfill duties until such time as a new Vice-President is elected.

10.5 The President and the Vice Presidents must be of different nationality.

### **Article 11: The Council**

11.1. The Council shall consist of the President, two Vice-Presidents, five members of the Academia and not more than three co-opted members, all full members and the General Secretary appointed by Council.

11.2. Each elected Council member shall serve for four years and shall be eligible for re-election upon the expiration of his/her term in office, provided that no person shall serve as elected member of the Council for more than eight years in continuity. The period of service of co-opted members shall run from year to year.

11.3. In the event that an elected member of the Council shall for any reason become permanently incapable of fulfilling the duties of his/her office he/she shall be deemed to have resigned and the Council shall appoint another Member to serve on the Council until the expiration of the term in office of the incapacitated member.

11.4. The Council shall meet at least once a year.

11.5. The Council shall have power to amend all or any of these Regulations, including power to introduce new articles and revoke existing articles, make



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rules and standing orders for the conduct of its business and elections, and take the necessary actions for the expulsion of members.

### **Article 12: The Scientific Council**

12.1 The duties of the Scientific Council are:

- a) Develop and oversee the implementation of a 4-year Scientific Plan and present it to the General Assembly for its adoption.
- b) Support the development of theoretical and experimental research for NDT and support its application frontiers
- c) Formulate its own recommendations or evaluate recommendations from other specialized NDT groups
- d) Identify Research Laboratories where theoretical statements followed by experimental tests are promising to solve issues in the new field of integrity assessment
- e) Advise the Academia Council on best practices and performances.
- f) Propose contributions and sessions for national and international conferences and Academia events, identifying high level topics in NDT and science to be represented by top-ranking scientists.

12.2. Organization of the Scientific Council.

- a) The Scientific Council consists of its Chair and Members. The Chair selects up to twenty (20) worldwide recognized persons (experience, publications, etc.) and recommends them to the Academia Council for approval.
- b) The Scientific Plan is drafted in broad consultation with Academia Members; it shall be multi-disciplinary in nature and will define areas and methods of cooperation between Academia Members.
- c) Meet at least once a year in conjunction with, and also separate from, the General Assembly.
- d) Prepare a summary annual report on progress made on the Scientific Plan.

### **Article 13: The Treasurer**

13.1 The Council shall appoint the Treasurer of Academia The treasurer is part of the Academia council.





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13.2. The duties of the Treasurer shall include the maintenance and supervision of the accounts of the Academia and the receipt and expenditure of money on behalf of the Academia.

The President, The Vice -Presidents and the Treasurer must be of different nationality.

### **Article 14: The General Secretary**

14.1. The General Secretary of the Academia shall be appointed by the Council in accordance with a nomination made by the President. The terms and condition of the Secretary engagement shall be fixed and approved by the Council

14.2. The General Secretary shall help the President and Council in managing the activities of the Academia, act as the officer in all General Assembly and of Council meetings, and shall perform other functions entrusted to him by the Council. He is responsible, for making an annual report to the General Assembly as well as acts as the de facto spokesperson. Subject to the approval of the Council he/she may engage the terms and conditions of the employment of such secretariat staff as the Council may determine necessary for the management of the affairs of the Academia.

### **Article 15: The Annual General Meeting**

15.1. There shall be an Annual Meeting of the Academia. The time and place of next meeting shall be decided at the Annual Meeting.

15.2 At least 25% of the total voting membership or 10 voting members, whichever is the lesser, present at a General Assembly shall form a quorum. Proxies shall not constitute part of the quorum. In the event of there being no quorum at the commencement of a General Assembly, the assembly shall be adjourned for half an hour and should the number then present be insufficient to form a quorum, those present shall be considered a quorum, but they shall have no power to amend any of the existing constitution.

15.3. An extraordinary general meeting of the Academia may be called by the Council and shall be so called if the Council receives a written requisition for such a meeting signed by no fewer than five percent of the total number of voting Members.

15.4. No fewer than three months' notice of the place and date of any general meeting shall be given to all Members of the Academia. Notice of any motion intended to be raised by a Member shall be delivered to the General Secretary less than one month before the date fixed for the meeting. The agenda for the



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meeting shall be delivered to all Members of the Academia less than two weeks before the meeting date.

15.5. The agenda for each Annual General Meeting shall include the following items:

- (a) report by the President of the activities of the Academia during the previous year;
- (b) report by the General Secretary on behalf of the Council of its plans and proposals for future activities of the Academia;
- (c) presentation by the Treasurer of the audited accounts of the Academia and a motion for the approval and adoption thereof;
- (d) election of members of the Council (for elections or new Council members if necessary);
- (e) proposals, if any, for the amendment of these Regulations.

Except where otherwise provided by these Regulations, decisions at any general meeting shall be made by a simple majority of those present and voting.

15.6. The minutes of the Annual General Meeting shall be prepared by the General Secretary within two months after the Meeting.

## **Article 16: Elections**

### 16.1. The President

- a) The President shall be elected by ballot of the members of the Council.
- b) No fewer than six months before the expiration of the President's term in office or immediately upon the actual or deemed resignation of the President under Article 6.3 of these Regulations, shall the General Secretary inform all Members of the impending presidential election. The General Secretary shall also solicit nominations, inform the members of their right to nominate candidates, and of the closing date for accepting nominations.
- c) The Council shall elect the president at its meeting immediately following the closure of the nomination process
- d) When the election follows the expiration of the President's normal term in office, the result of the election shall be communicated to the members before the date of the next Annual General Meeting. The newly elected



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President shall assume his responsibilities immediately following that meeting. In all other cases the result of the election shall be communicated to the members as soon as possible and the newly elected President shall assume his responsibilities immediately.

### 16.2. The Vice-Presidents

- a) The Vice-Presidents shall be elected by ballot of the members of the Council.
- b) No fewer than six months before the expiration of a Vice-President's term in office or immediately upon the actual or deemed resignation of a Vice-President shall the General Secretary inform all Members of the impending vice-presidential election. The General Secretary shall also solicit nominations, inform the members of their right to nominate candidates and of the closing date for accepting nominations.
- c) When the election follows the expiration of a Vice-President's normal term in office, the result of the election shall be communicated to the members before the date of the next Annual General Meeting. The newly elected Vice-President shall assume his responsibilities immediately following that meeting. In all other cases the result of the election shall be communicated to the members as soon as possible, and the newly elected Vice-President shall assume his responsibilities immediately.

### 16.3. The Council

- a) The four members of the Council shall be elected by ballot of the Members in a general meeting.
- b) Any member of the Academia is free to nominate any other member for the elections to serve on the Council
- c) It shall be the duty of the Council to prepare a list of candidates for election to serve on the Council at each Annual General Meeting. If possible, the number of candidates in the list should be twice as many vacant positions on the council. The list is to be distributed with the agenda for the Annual General Meeting.

### 16.4. Members and the Honorary Members

- a) Members and the Honorary Members shall be elected by ballot of the members of the Council and approved at the General Assembly meeting.
- b) Nominations for election by the Council to full or honorary membership of the Academia may be made by any Member in accordance with the procedures prescribed by the Council.



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- c) The Council may at any meeting proceed to the election of a member or members in any category.

### **Article 17: Assets of the Academia**

17.1. Academia NDT International will rely on much appreciated contributions from the members and gratefully received donations from relevant institutions, all individuals and organisations ready to support progress.

All donations will be made without prejudice and without influence on the independence of the Academia.

17.2. The assets of the Academia shall be employed exclusively to carry out the purposes and objectives of the Academia and for no other purpose provided that nothing in these Regulations shall prevent:

- a) payment of reasonable and proper remuneration to any employee of the Academia;
- b) reimbursement of reasonable out-of-pocket expenses incurred in relation to the activities of the Academia by any member of the Academia or the General Secretary.

17.3. The Academia shall open and maintain a bank account or accounts in its name, and every withdrawal from any such account shall be authorized by any two of the General Secretary, President or Vice-Presidents.

16.4 The signatories to any bank account opened and maintained as aforesaid shall operate the same in accordance with the directions of the Council.

### **Article 18: Office of the Academia**

The Academia has its base office in Brescia (Italy).

### **Article 19: Interpretation**

If any question arises in regard to the interpretation of these Regulations or any of them, it shall be decided by the Council.

### **Article 20: Language**

These Regulations may be translated into any language but the version in English shall be the only authentic version.



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### **Article 21: Dissolution of the Association**

Only an extraordinary General Assembly can dissolve the Academia NDT International. This GA meeting declaring the dissolutions of the Academia NDT will name a liquidator and determines the principles of liquidation.

The remaining assets will be donated to one of non-profit International organization in the field of NDT.

**Modified by Council at its meeting on Brescia, December 2, 2023.**

**Signed**

**Serge Dos Santos**

**Vice-President**

**Peter Trampus**

**President**

**Date: 18 January 2025**